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CS46-40
Hosiery-Lengths-and-Sizes

U. S. DEPARTMENT OF COMMERCE

HARRY L. HOPKINS, Secretary

NATIONAL BUREAU OF STANDARDS

LYMAN J. BRIGGS, Director

HOSIERY LENGTHS AND SIZES

(THIRD EDITION)

COMMERCIAL STANDARD CS46-40

[Supersedes CS46-36]

Effective from August 15, 1940



A RECORDED VOLUNTARY
STANDARD OF THE TRADE

UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1940

PROMULGATION
of
COMMERCIAL STANDARD CS46-40
for
HOSIERY LENGTHS AND SIZES
(Third Edition)

On October 29, 1931, a general conference of representative manufacturers, distributors, and buyers of hosiery adopted a recommended commercial standard for this commodity, which was subsequently accepted by the industry and promulgated as Hosiery Lengths, Commercial Standard CS46-33. In 1936, on recommendation of the standing committee, a revision was adopted and issued to include "Method of Measuring Size of Foot" of full-fashioned and circular knit (seamless) hosiery, under the title Hosiery Lengths and Sizes, Commercial Standard CS46-36.

On November 20, 1939, the standing committee recommended the inclusion of a method of measuring, and standard lengths for anklets and for additional sizes of folded ribbed cuffs. The industry has since accepted for promulgation by the United States Department of Commerce, through the National Bureau of Standards, the revised standard as shown herein.

The standard is effective from August 15, 1940.

Promulgation recommended.

I. J. Fairchild,
Chief, Division of Trade Standards.

Promulgated.

Lyman J. Briggs,
Director, National Bureau of Standards.

Promulgation approved.

Harry L. Hopkins,
Secretary of Commerce.

HOSIERY LENGTHS AND SIZES

(Third Edition)

COMMERCIAL STANDARD CS46-40

GENERAL

1. *Purpose.*—The purpose is to provide standard methods of measurement and standard measurements for the guidance of producers, distributors, and users, in order to eliminate confusion resulting from a diversity of measurements and methods and to provide a uniform basis for guaranteeing full-length and full-size hosiery.

2. *Application.*—The methods and measurements given herein are applicable to finished hosiery as delivered by the manufacturer.

3. *Method of measuring.*—The hosiery to be measured is laid out without tension on a smooth flat surface so that creases and wrinkles will not affect the measurements.

4. *Accuracy.*—Measurements are taken to the nearest one-eighth inch, unless otherwise specified.

METHOD OF MEASURING AND STANDARD LENGTHS

LADIES' HOSIERY

5. *Method of measuring length.*—The selected method for measuring the length of ladies' hosiery is shown diagrammatically in figure 1. It is as follows: Lay the stocking on a flat surface without tension. Place a ruler so that it touches the lower end of the heel gore and the curve formed at the ankle. The length is the distance from the bottom of the heel *A* to the top of the stocking *B* as located by this line. For full-fashioned hosiery this line of length shall be determined by laying the ruler so that it touches the curve at the ankle and is parallel to the front line of the stocking (fig. 1).

6. *Lengths of full-fashioned and circular knit (seamless).*—The standard length of ladies' full-fashioned and circular-knit (seamless) hosiery is 30 inches in all sizes, and this length will be furnished when not otherwise specified. Other lengths are available as required. Tolerance for all lengths, plus or minus 1 inch.

7. *Lengths of ribbed cotton.*—The standard length of ladies' ribbed cotton hosiery is 28 inches in all sizes, and this length will be furnished when not otherwise specified. Other lengths are available as required. Tolerance for all lengths, plus or minus 1 inch.

8. *Nonstandard lengths.*—Ladies' hosiery in lengths, other than standard carry a significant mark, generally on the container, to indicate the fact that they are either longer or shorter than standard.

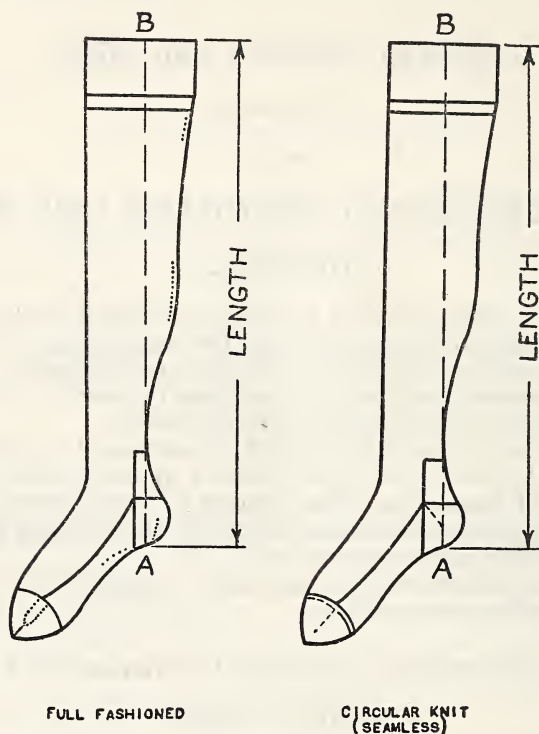


FIGURE 1.—*Ladies' hosiery.*

MEN'S, CHILDREN'S, AND INFANTS' HOSIERY

9. *Method of measuring length of—*

- (1) Men's hosiery.
- (2) Boys' golf hosiery.
- (3) Children's and misses' ribbed hosiery.
- (4) Children's $\frac{3}{8}$ flat knit hosiery.
- (5) Children's $\frac{3}{8}$ hosiery.
- (6) Infants' ribbed hosiery.
- (7) Infants' and children's socks.

9a. Lay the stocking (or sock) on a flat surface without tension. Place a ruler so that it touches the lower end of the heel gore and is parallel to the ribs on the ribbed portion. If it has been boarded properly, the ruler will be parallel to the front line of the stocking. If this is not so, adjust the ruler so that it is parallel to the front line of the stocking. The length is the distance from the bottom of the

heel *A* to the top of the stocking *B* as located by this line (fig. 2). The lengths of men's full-fashioned hosiery may be measured according to the method given for women's full-fashioned hosiery, paragraph 5.

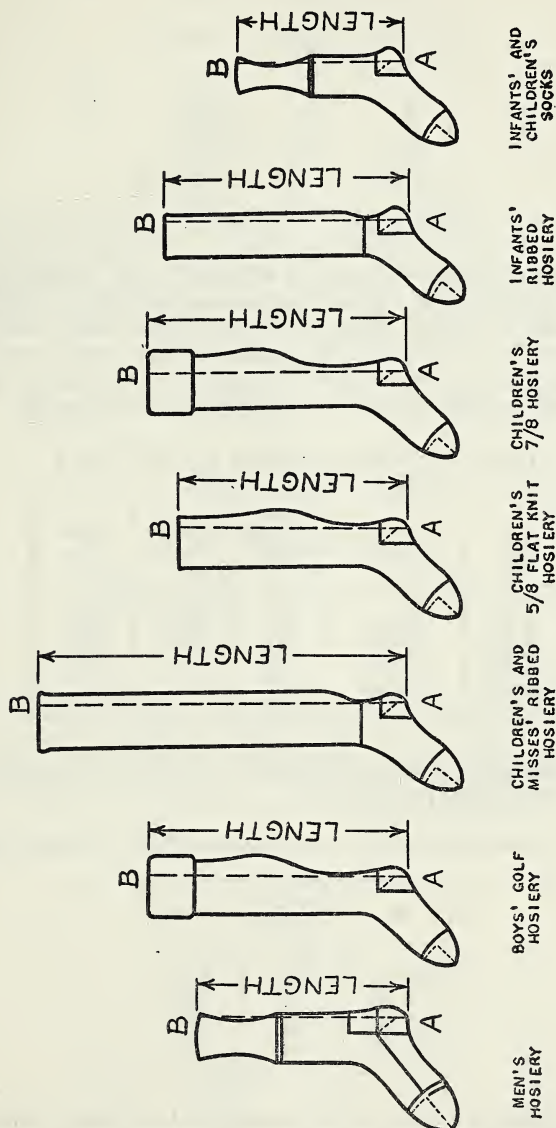


FIGURE 2.—Men's and children's hosiery.

9b. The length of the cuff on the stocking, folded as for distribution, is determined by measuring the distance from the top to the bottom at the center in a line parallel with the front of the stocking.

10. *Men's hosiery*.—Standard lengths of men's hosiery are shown in table 1.

TABLE 1.—Standard lengths of men's hosiery

Size	Standard length	Tolerance
	<i>Inches</i>	<i>Inch</i>
9	14	$\pm\frac{1}{2}$
9½	14	$\pm\frac{1}{2}$
10	14	$\pm\frac{1}{2}$
10½	14½	$\pm\frac{1}{2}$
11	14½	$\pm\frac{1}{2}$
11½	14½	$\pm\frac{1}{2}$
12	14½	$\pm\frac{1}{2}$

11. *Boys' golf hosiery*.—Lengths of boys' golf hosiery (table 2) relate to hosiery made of cotton, mercerized cotton, and all mixtures of the above with wool in which the wool content does not exceed 50 percent by weight. They do not apply to boys' cut and sewed golf hosiery. The number of rib knitting-machine needles and the cylinder size shall be used for the sizes and lengths indicated.

TABLE 2.—Standard lengths of boys' golf hosiery

Size	Number of needles	Size of cylinder (diameter)	Standard length	Tolerance
		<i>Inches</i>	<i>Inches</i>	<i>Inch</i>
7-7½	100-130	3	13½	$\pm\frac{1}{2}$
8-8½	120-140	3¼	14½	$\pm\frac{1}{2}$
9-9½	130-150	3½	16	$\pm\frac{1}{2}$
10-10½	140-160	3¾	17	$\pm\frac{1}{2}$
11-11½	150-170	4	18	$\pm\frac{1}{2}$

11a. *Cuff lengths*.—Standard lengths of folded ribbed cuffs for boys' golf hosiery are shown in table 3.

TABLE 3.—Standard lengths of folded ribbed cuffs for boys' golf hosiery

Size	Standard length	Tolerance
	<i>Inches</i>	<i>Inch</i>
7-7½	3	$\pm\frac{1}{4}$
8-8½	3½	$\pm\frac{1}{4}$
9-9½	3½	$\pm\frac{1}{4}$
10-10½	3½	$\pm\frac{1}{4}$
11-11½	3½	$\pm\frac{1}{4}$

12. *Children's and misses' ribbed hosiery*.—Lengths of children's and misses' ribbed hosiery (table 4) relate to hosiery made of cotton, mercerized cotton, rayon, rayon plated, rayon and silk, and all mixtures of the above with wool in which the wool content does not exceed 25 percent by weight. The number of rib knitting-machine needles and the cylinder size shall be used for the sizes and lengths indicated.

TABLE 4.—Standard lengths of children's and misses' ribbed hosiery

Size	Number of needles	Size of cylinder (diameter)	Standard length	Tolerance
		<i>Inches</i>	<i>Inches</i>	<i>Inch</i>
5-5½	240-260	3½	15	±½
6-6½	260-280	3½	18	±½
7-7½	280-300	3¾	21	±½
8-8½	300-320	3¾	24	±½
9-9½	320-340	4	27	±½
10	340-360	4	28	±½

13. *Children's ⅝ hosiery, flat knit.*—Lengths for children's ⅝ hosiery, flat knit (table 5) relate to hosiery made of cotton, mercerized cotton, rayon, rayon plated, rayon and silk, and all mixtures of the above with wool in which the wool content does not exceed 25 percent by weight. The number of machine needles and the cylinder size shall be used for the sizes and lengths indicated.

TABLE 5.—Standard lengths of children's ⅝ hosiery, flat knit

Size	Number of needles	Size of cylinder (diameter)	Standard length	Tolerance
		<i>Inches</i>	<i>Inches</i>	<i>Inch</i>
6-6½	140-160	2¾	10	±½
7-7½	150-170	2¾	11	±½
8-8½	160-180	3	12½	±½
9-9½	170-190	3¼	13½	±½
10	180-200	3¼	14½	±½

14. *Children's ¾ hosiery.*—Lengths for children's ¾ hosiery (table 6) relate to hosiery made of cotton, mercerized cotton, rayon, rayon plated, rayon and silk, and all mixtures of the above with wool in which the wool content does not exceed 25 percent by weight. The number of machine needles and the cylinder size shall be used for the sizes and lengths indicated.

TABLE 6.—Standard lengths of children's ¾ hosiery

Size	Number of needles	Size of cylinder (diameter)	Standard length	Tolerance
		<i>Inches</i>	<i>Inches</i>	<i>Inch</i>
6- 6½	170-190	2¾	11	±¾
7- 7½	180-200	3	12	±¾
8- 8½	190-210	3¼	13½	±¾
9- 9½	200-220	3¼	14½	±¾
10-10½	210-230	3½	15½	±¾

14a. *Cuff lengths.*—Standard lengths of folded ribbed cuffs for children's ¾ hosiery are shown in table 7.

TABLE 7.—Standard lengths of folded ribbed cuffs for children's $\frac{7}{8}$ hosiery

Size	Standard length	Tolerance
	<i>Inches</i>	<i>Inch</i>
6-6 $\frac{1}{2}$	2 $\frac{1}{2}$	$\pm\frac{1}{4}$
7-7 $\frac{1}{2}$	3	$\pm\frac{1}{4}$
8-8 $\frac{1}{2}$	3	$\pm\frac{1}{4}$
9-9 $\frac{1}{2}$	3 $\frac{1}{2}$	$\pm\frac{1}{4}$
10-10 $\frac{1}{2}$	3 $\frac{1}{2}$	$\pm\frac{1}{4}$

15. *Infants' ribbed hosiery.*—Lengths for infants' ribbed hosiery (table 8) relate to hosiery made of cotton, mercerized cotton, rayon, rayon plated, rayon and silk, and all mixtures of the above with wool in which the wool content does not exceed 25 percent by weight. The number of ribbed knitting machine needles and the cylinder size shall be used for the sizes and lengths indicated.

TABLE 8.—Standard lengths of infants' ribbed hosiery

Size	Number of needles	Size of cylinder (diameter)	Standard length	Tolerance
		<i>Inches</i>	<i>Inches</i>	<i>Inch</i>
3	180-200	2 $\frac{3}{4}$	7	$\pm\frac{1}{2}$
3 $\frac{1}{2}$	180-200	2 $\frac{3}{4}$	8	$\pm\frac{1}{2}$
4	220-240	3	10	$\pm\frac{1}{2}$
4 $\frac{1}{2}$	220-240	3	11	$\pm\frac{1}{2}$
5	240-260	3 $\frac{1}{4}$	12	$\pm\frac{1}{2}$
5 $\frac{1}{2}$	240-260	3 $\frac{1}{4}$	13 $\frac{1}{2}$	$\pm\frac{1}{2}$
6	260-280	3 $\frac{1}{2}$	15	$\pm\frac{1}{2}$
6 $\frac{1}{2}$	260-280	3 $\frac{1}{2}$	16	$\pm\frac{1}{2}$

16. *Infants' and children's socks.*—Lengths for infants' and children's socks (table 9) relate to socks made of cotton, mercerized cotton, rayon, rayon plated, rayon and silk, and all mixtures of the above with wool in which the wool content does not exceed 50 percent by weight. The number of machine needles and the cylinder size shall be used for the sizes and lengths indicated.

TABLE 9.—Standard lengths of infants' and children's socks

Size	Number of needles	Size of cylinder (diameter)	Standard length	Tolerance
		<i>Inches</i>	<i>Inches</i>	<i>Inch</i>
4-4 $\frac{1}{2}$	120	2 $\frac{1}{4}$	5	$\pm\frac{1}{2}$
5-5 $\frac{1}{2}$	140	2 $\frac{1}{4}$	6 $\frac{1}{2}$	$\pm\frac{1}{2}$
6-6 $\frac{1}{2}$	140	2 $\frac{1}{4}$	7 $\frac{1}{2}$	$\pm\frac{1}{2}$
7-7 $\frac{1}{2}$	156	2 $\frac{1}{2}$	8 $\frac{1}{2}$	$\pm\frac{1}{2}$
8-8 $\frac{1}{2}$	156	2 $\frac{1}{2}$	9 $\frac{1}{2}$	$\pm\frac{1}{2}$
9-9 $\frac{1}{2}$	172	2 $\frac{3}{4}$	10 $\frac{1}{2}$	$\pm\frac{1}{2}$
10	200	3	11 $\frac{1}{2}$	$\pm\frac{1}{2}$

ANKLETS

17. Method of measuring length of:

- (1) Anklelets.
- (2) Folded cuffs.

17a. *Anklelets*.—Lay the anklelet with cuff folded on a flat surface without tension. For *full-fashioned anklelets*, place the ruler so that it touches the curve at the ankle and is parallel to the front line of the anklelet. For *circular knit anklelets*, place a ruler so that it passes through the lower end of the heel gore and is parallel to the ribs of the ribbed portion of the cuff. The length is the distance from the bottom of the heel to the top of the folded cuff (A to B, fig. 3). These methods of measuring also apply to anklelets finished in single-cuff style.

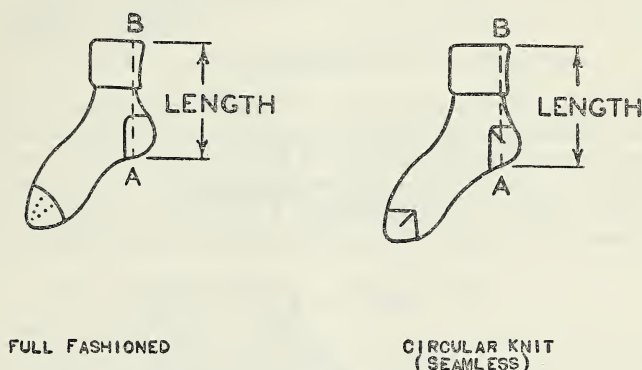


FIGURE 3.—Anklelets.

17b. *Folded cuffs*.—The length of the cuff on the anklelet, folded as for distribution, is determined by measuring the distance from the top to the bottom of the cuff in a line parallel with the front of the anklelet.

18. *Anklet lengths*.—Lengths of anklelets (table 10) relate to anklelets made of cotton, mercerized cotton, rayon, rayon plated, rayon and silk, and all mixtures of the above with wool in which the wool content does not exceed 25 percent by weight. The number of machine needles and the cylinder size shall be used for the sizes and lengths indicated.

TABLE 10.—Standard lengths of anklelets

[Folded and single cuffs]

Size	Number of needles	Size of cylinder (diameter)	Standard length	Tolerance
5-5½	120-160	Inches 2¼-2½	Inches 4	Inch ±¼
6-6½	120-180	2¼-3	4½	±¼
7-7½	130-200	2½-3¼	5	±¼
8-8½	140-220	2½-3½	5½	±¼
9-9½	150-240	2¾-3½	6	±¼
10-10½	160-240	3-3½	6	±¼
11-11½	120-180	3¼-3¾	6	±¼

19. *Folded cuff lengths.*—Standard lengths of folded ribbed cuffs for anklets are shown in table 11.

TABLE 11.—Standard lengths of folded ribbed cuffs for anklets

Size	Standard length	Tolerance
	<i>Inches</i>	<i>Inch</i>
4-4½	1¾	±¼
5-5½	1¾	±¼
6-6½	2	±¼
7-7½	2	±¼
8-8½	2¼	±¼
9-9½	2¼	±¼
10-10½	2½	±¼
11-11½	2½	±¼

METHOD OF MEASURING SIZE OF FOOT

20. *Size of full-fashioned hosiery.*—The size of foot of full-fashioned hosiery is determined by laying the stocking out flat and measuring the distance from the tip of the toe to the back of the heel along a straight line from the tip of the toe through the uppermost fashion mark in heel, which is approximately 1 inch above the bottom of the heel. Measurements are made to the nearest one-half inch.

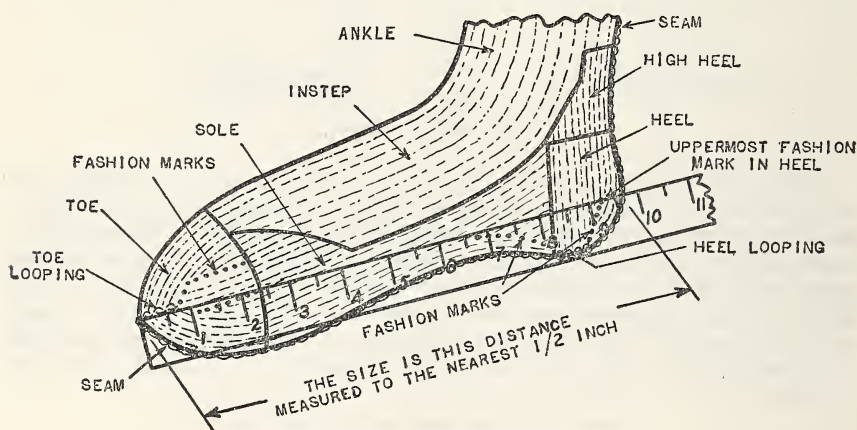


FIGURE 4.—Full-fashioned hosiery.

21. *Size of circular knit (seamless) hosiery.*—The size of foot of circular knit (seamless) hosiery is determined by laying the stocking out flat and measuring the distance from the tip of the toe to the back of the heel along a straight line through the tip of the toe and the bottom of the heel gore. Measurements are made to the nearest one-half inch.

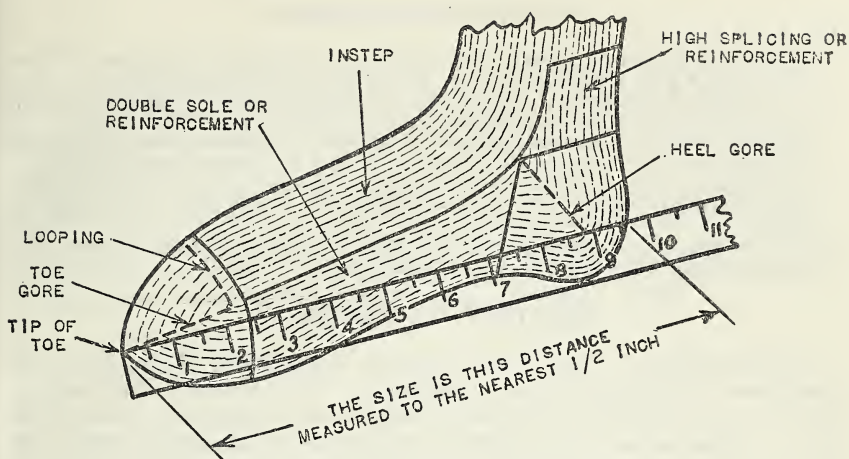


FIGURE 5.—Circular knit (seamless) hosiery.

EFFECTIVE DATE

The standard is effective from August 15, 1940.

STANDING COMMITTEE

The following individuals comprise the membership of the standing committee which is to review, prior to circulation for acceptance, revisions proposed to keep the standard abreast of progress. Each association nominated its own representatives. Comment concerning the standard and suggestions for revision, may be addressed to any member of the committee or to the Division of Trade Standards, National Bureau of Standards, which acts as secretary for the committee.

MANUFACTURERS

Men's:

- J. W. METTLER (chairman), Interwoven Stocking Co., New Brunswick, N. J.
 P. W. ESHELMAN, Wilkes Hosiery Mills Co., North Wilkesboro, N. C.
 THEODORE FRIEDLANDER, Phoenix Hosiery Co., 320 East Buffalo Street, Milwaukee, Wis.
 W. F. CARR, Durham Hosiery Mills, Durham, N. C.

Women's:

- R. E. TILLIS (chairman), Gotham Silk Hosiery Co., Inc., 200 Madison Avenue, New York, N. Y.
 HUGO HEMMERICH, Berkshire Knitting Mills, Reading, Pa.
 WM. MEYER, Apex Hosiery Co., Fifth and Luzerne Streets, Philadelphia, Pa.
 G. C. ABERLE, H. C. Aberle Co., Lippincott, Clearfield, and A Streets, Philadelphia, Pa.

Children's:

- J. LEE BAUSER (chairman), Infants' Socks, Inc., 210 Maple Street, Reading, Pa.
 FRANKLIN LANDENBERGER, J. W. Landenberger & Co., Castor at Kensington Avenue, Philadelphia, Pa.
 R. P. SHAPARD, Jr., Spalding Knitting Mills, Griffin, Ga.
 DAN MAY, May Hosiery Mills, 436 Houston Street, Nashville, Tenn.

DISTRIBUTORS AND USERS

All types of hosiery:

T. L. BLANKE, Greely Square Building, 101 West Thirty-first Street, New York, N. Y., representing National Retail Dry Goods Association.

W. R. WARDLE, Jacob Reed's Sons, 1424-26 Chestnut Street, Philadelphia, Pa., representing National Association of Retail Clothiers and Furnishers.

ARDENIA CHAPMAN, Drexel Institute, Thirty-second and Chestnut Streets, Philadelphia, Pa., representing American Home Economics Association.

JOSEPHINE L. PEIRCE, Division of Consumer Information, G. F. W. C., 1006 Cook Tower, Lima, Ohio, representing General Federation of Women's Clubs.

F. L. LAVERY, Carson Pirie Scott & Co., 366 West Adams Street, Chicago, Ill., representing Wholesale Dry Goods Institute.

HISTORY OF PROJECT

On September 9, 1931, the National Association of Hosiery and Underwear Manufacturers presented a specification for men's, women's, and children's hosiery lengths, and requested that it be given consideration by a general conference of manufacturers, distributors, and users of hosiery for adoption as a commercial standard. This specification was developed with the cooperation of the industry by E. M. Schenke, Director of Research, the National Association of Hosiery and Underwear Manufacturers.

A general conference was held in Philadelphia on October 29, 1931, at which time the tentative draft of the proposed commercial standard was revised and adopted, with the recommendation that it be circulated to the industry for written acceptance. This conference appointed a standing committee to review periodically all comment and suggestions leading to revisions of the standard, voted its approval of the certification plan, and recommended its use by the industry.

The recommended commercial standard was circulated for acceptance on December 5, 1931, and was endorsed by a large part of the industry. However, there later developed a need for standard measurements of children's hosiery, and on January 2, 1932, the manufacturers were requested to recommend measurements for the different sizes and types.

With the approval of the standing committee, the recommended revision was circulated on January 12, 1933, to the industry for written acceptance, with the result that it was accepted and its publication authorized.

The industry's adoption of Hosiery Lengths, Commercial Standard CS46-33, was announced on April 1, 1933, and it became effective on July 1, 1933.

FIRST REVISION

On February 21, 1936, the National Association of Hosiery Manufacturers requested the reaction of the standing committee to a recommendation that "Method of Measuring Size of Foot" of full-fashioned and circular knit (seamless) hosiery be added to the standard. The standing committee endorsed the proposal and recommended that the Commercial Standard be revised accordingly and that the title be changed to "Hosiery Lengths and Sizes."

A satisfactory majority of those directly concerned approved this recommendation as circulated for acceptance on May 1, 1936. The success of the revision was announced July 20, 1936, and Commercial Standard CS46-36, became effective on that date.

SECOND REVISION

On September 25, 1939, the National Association of Hosiery Manufacturers requested a revision of Hosiery Lengths and Sizes (Second Edition), Commercial Standard CS46-36, to include methods of measuring and standard lengths for anklets, and for additional sizes of folded ribbed cuffs.

With the approval of the standing committee, the recommended revision was circulated for written acceptance on November 20, 1939, and was approved by a satisfactory majority of the trade. The success of the project was announced on July 17, 1940, and the third edition of the standard is effective from August 15, 1940.

ACCEPTANCE OF COMMERCIAL STANDARD

If acceptance has not previously been filed, this sheet properly filled in, signed, and returned will provide for the recording of your organization as an acceptor of this commercial standard.

Date -----

Division of Trade Standards,
National Bureau of Standards,
Washington, D. C.

Gentlemen:

Having considered the statements on the reverse side of this sheet, we accept the Commercial Standard CS46-40 as our standard of practice in the

Production ¹
of hosiery.

Distribution ¹Use ¹

We will assist in securing its general recognition and use and will cooperate with the standing committee to effect revisions of the standard when necessary.

Signature of individual officer -----
(In ink)

(Kindly typewrite or print the following lines)

Name and title of above officer -----

Company -----
(Fill in exactly as it should be listed)

Street address -----

City and State -----

¹ Please designate which group you represent by drawing lines through the other two. Please file separate acceptances for all subsidiary companies and affiliates which should be listed separately as acceptors. In the case of related interests, trade papers, colleges, etc., desiring to record their general approval, the words "in principle" should be added after the signature.

TO THE ACCEPTOR

The following statements answer the usual questions arising in connection with the acceptance and its significance:

1. *Enforcement.*—Commercial standards are commodity specifications voluntarily established by mutual consent of those concerned. They present a common basis of understanding between the producer, distributor, and consumer and should not be confused with any plan of governmental regulation or control. The United States Department of Commerce has no regulatory power in the enforcement of their provisions, but since they represent the will of the interested groups as a whole, their provisions through usage soon becomes established as trade customs and are made effective through incorporation into sales contracts by means of labels, invoices, and the like.

2. *The acceptor's responsibility.*—The purpose of commercial standards is to establish for specific commodities nationally recognized grades or consumer criteria and the benefits therefrom will be measurable in direct proportion to their general recognition and actual use. Instances will occur when it may be necessary to deviate from the standard and the signing of an acceptance does not preclude such departures; however, such signature indicates an intention to follow the commercial standards where practicable, in the production, distribution, or consumption of the article in question.

3. *The Department's responsibility.*—The major function performed by the Department of Commerce in the voluntary establishment of commercial standards on a Nation-wide basis is fourfold: First, to act as an unbiased coordinator to bring all interested parties together for the mutually satisfactory adjustment of trade standards; second, to supply such assistance and advice as past experience with similar programs may suggest; third, to canvass and record the extent of acceptance and adherence to the standard on the part of producers, distributors, and users; and fourth, after acceptance, to publish and promulgate the standard for the information and guidance of buyers and sellers of the commodity.

4. *Announcement and promulgation.*—When the standard has been endorsed by a satisfactory majority of production or consumption in the absence of active, valid opposition, the success of the project is announced. If, however, in the opinion of the standing committee or the Department of Commerce, the support of any standard is inadequate, the right is reserved to withhold promulgation and publication.

ACCEPTORS

The organizations and individuals listed below have accepted this specification as their standard of practice in the production, distribution, and use of hosiery. Such endorsement does not signify that they may not find it necessary to deviate from the standard, nor that producers so listed guarantee all of their products in this field to conform with the requirements of this standard. Therefore, specific evidence of conformity should be obtained where required.

ASSOCIATIONS

American Federation of Hosiery Workers, Philadelphia, Pa.
 American Home Economics Association, Philadelphia, Pa.
 American Institute of Laundering, Joliet, Ill.
 Associates for Government Service, Inc., New York, N. Y. (In principle.)
 Independent Wholesale Dry Goods Association, Inc., New York, N. Y.
 International Silk Guild, Inc., New York, N. Y. (In principle.)
 Mercerizers Association of America, New York, N. Y. (In principle.)
 National Association of Hosiery Manufacturers, Inc., New York, N. Y.
 National Council of Women of the United States, Inc., New York, N. Y. (In principle.)
 National Retail Dry Goods Association, New York, N. Y.
 Philadelphia Textile Manufacturers Association, Philadelphia, Pa. (In principle.)
 Throwsters Research Institute, Inc., New York, N. Y. (In principle.)

FIRMS

Aberle, Inc., Philadelphia, Pa.
 Abraham & Straus, Brooklyn, N. Y.
 Acme Hosiery Mills, Inc., Asheboro, N. C.
 Adler Co., The, Cincinnati, Ohio.
 Ajax Hosiery Mills, Melrose Park, Pa.
 Alden Mills, The, New Orleans, La.
 Allen A Co., The, Bennington, Vt.
 American Hosiery Co., New Britain, Conn.
 Amos Hosiery Mills, High Point, N. C.
 Anderson Newcomb Co., The, Huntington, W. Va.
 Anthony Co., H. W., Strausstown, Pa.
 Apex Hosiery Co., Philadelphia, Pa.
 Arizona, University of (School of Home Economics), Tucson, Ariz. (In principle.)

Asheboro Hosiery Mills, Inc., Asheboro, N. C.
 Asheville Hosiery Co., Asheville, N. C.
 Askin Bros. Co., Baltimore, Md.
 Athens Hosiery Mills, Inc., Athens, Tenn.
 Atlanta Hosiery Mills, Atlanta, Ga.
 Atlas Silk Hosiery Co., Paterson, N. J.
 August & Co., Ann, Northampton, Mass.
 B Z B Knitting Co., Rockford, Ill.
 Bacon Co., Charles H., Lenoir City, Tenn.
 Baker-Cammack Hosiery Mills, Inc., Burlington, N. C.
 Ballston-Stillwater Knitting Co., Inc., Ballston Spa, N. Y.
 Bamberger & Co., L., Newark, N. J.
 Barkley Old Reliable Hosiery Mills, Cleveland, Ohio.
 Bartels Co., Inc., Roy, New York, N. Y.
 Belding Heminway Co., New York, N. Y.
 Belknap Mills Corporation, Laconia, N. H.
 Belle Meade Hosiery Mills, Nashville, Tenn.
 Bemidji Woolen Mills, Bemidji, Minn.
 Bennington Hosiery Co., Bennington, Vt.
 Berkshire Knitting Mills, Wyomissing, Pa.
 Best's Apparel, Inc., Seattle, Wash.
 Bettersox Knitting Mills, Fort Atkinson, Wis.
 Bibb Manufacturing Co., Macon, Ga.
 Binghamton Knitting Co., Binghamton, N. Y.
 Birdsboro Knitting Mills, Inc., Birdsboro, Pa.
 Bittner Hunsicker & Co., Allentown, Pa.
 Black Mountain Hosiery Mills, Inc., Black Mountain, N. C.
 Black & Sons Co., Inc., Jos., York, Pa.
 Blackstone Hosiery Mills, Inc., Valdese, N. C.
 Bloomsburg Hosiery Mills, Inc., Germantown, Philadelphia, Pa.

- Blue Ridge Hosiery Mills, Marion, N. C.
 Boonton Full Fashion Hosiery Mills, Boonton, N. J.
 Boston Store, Inc., The, Colorado Springs, Colo.
 Botany Worsted Mills, Passaic, N. J.
 Boy Scouts of America, New York, N. Y.
 Brisbin Co., S. J., New York, N. Y. (In principle.)
 Broadway Department Store, Inc., Los Angeles, Calif.
 Brooks Hosiery Mills, Inc., Philadelphia, Pa.
 Brown Co., John A., Oklahoma City, Okla.
 Brownhill & Kramer, Inc., Philadelphia, Pa.
 Browning Hosiery Mills, Inc., Bridgeport, Ala.
 Browns Hosiery Mills, Inc., Burlington, N. C.
 Bry-Block Mercantile Co., Memphis, Tenn.
 Bryan Hosiery Mill, Inc., Chattanooga, Tenn.
 Bryson Co., A, Ware, Mass.
 Burdwyn Hosiery Mills, Stowe (Pottstown,) Pa.
 Burke Underwear Co., Inc., Hamburg, Pa.
 Burson Knitting Co., Rockford, Ill.
 Busy Bee Hosiery Co., Inc., Reading, Pa.
 Capwell Co., H. C., Oakland, Calif.
 Carson Pirie Scott & Co., Chicago, Ill.
 Castle Gate Hosiery & Glove Co., Inc., New York, N. Y.
 Central States Department Stores, Inc., The, Chicago, Ill.
 Chalfont Hosiery Mills, Chalfont, Pa.
 Champion Hosiery Mills (Division of Holeproof Hosiery Co.), Marietta, Ga.
 Chapman Guild, Inc., The, Oneida, N. Y.
 Cherokee Hosiery Mills, Inc., Cleveland, Tenn.
 Cherry's Sons, Robert, Philadelphia, Pa.
 Chester Pure Silk Hosiery Co., St. Louis, Mo.
 Chicago Better Business Bureau, Chicago, Ill. (In principle.)
 Chicago Mail Order Co., Chicago, Ill.
 Chipman, Inc., East Flat Rock, N. C.
 Chipman Knitting Mills, Easton, Pa.
 Chipman La Crosse Hosiery Mills Co., Inc., East Flat Rock, N. C.
 Claussner Hosiery Co., Paducah, Ky.
 Clayton Hosiery Mills, Inc., Lowell, Mass.
 Cleland Simpson Co., Scranton, Pa.
 Colonial Knitting Mills, Inc., Philadelphia, Pa.
 Concord Knitting Co., Concord, N. C.
 Concordia Silk Hosiery Co., Inc., Philadelphia, Pa.
 Conover Knitting Co., Conover, N. C.
 Consumers Testing Laboratories, Philadelphia, Pa.
 Contour Hosiery Mills, Rockford, Ill.
 Cooper, Wells & Co., St. Joseph, Mich.
 Coosa Textile Co., Anniston, Ala. (In principle.)
 Cowan's Department Store, Inc., Sault Ste. Marie, Mich.
 Cozzens & Co., New York, N. Y.
 Crescent Hosiery Mills, Niota, Tenn.
 Crescent Manufacturing Co., Spartanburg, S. C.
 Crown Hosiery Mills, Inc., High Point, N. C.
 Cumberland Hosiery Mills, Nashville, Tenn.
 Dakin Corp, John E., Milton, Pa.
 Dallas Hosiery Mills, Dallas, Ga.
 Danville Knitting Mills, Inc., Danville, Va.
 Davis & Son, Inc., W. B., Fort Payne, Ala.
 Dayton Hosiery Mills, Dayton, Tenn.
 Dependable Hosiery Mills, Inc., Liberty, N. C.
 Diamond Full Fashioned Hosiery Co., Inc., High Point, N. C.
 Dobson Hosiery Mills, Pulaski, Va.
 Dresden Woolen Mills, Inc., The, Dresden, Ohio.
 Drexel Knitting Mills Co., Drexel, N. C.
 Durham Hosiery Mills, Durham, N. C.
 Earnshaw Knitting Mills, Newton, Mass.
 Eastern Hosiery Co., Inc., Chicago, Ill.
 Elder Hosiery Mill, Burlington, N. C.
 Elliott Knitting Mills, Inc., Hickory, N. C.
 Elting Bros., New York, N. Y.
 Emporium, The, San Francisco, Calif.
 English, Jr., & Co., Geo., Shamokin, Pa.
 Fandel Co., St. Cloud, Minn.
 Fashion Co., The, Columbus, Ohio.
 Fay Hosiery Mills, Inc., Elyria, Ohio.
 Fead & Sons, John L., Port Huron, Mich.
 Fidelity Hosiery Mills, Inc., Shamokin, Pa.
 Field & Co., Marshall—Silk Hosiery Mill, Fieldale, Va.
 Field & Co., Marshall—Manufacturing Division, Spray, N. C.
 Fisher Hosiery Co., Inc., Reading, Pa.
 Fleetwood Hosiery Corporation, Fleetwood, Pa.
 Forest City Knitting Co., Rockford, Ill.
 Franklin Hosiery Mills, Williamsport, Pa.
 Franklin Knitting Mills, New York, N. Y.
 Fries & Schuele Co., The, Cleveland, Ohio.
 Gable Co., The William F., Altoona, Pa.

- Galax Knitting Co., Inc., Galax, Va.
 Garden State Hosiery Co., Midland Park, N. J.
 Garon Knitting Mills, Duluth, Minn.
 General Hosiery Co., Fort Wayne, Ind.
 Gertz, Long Island, Jamaica, Long Island, N. Y.
 Giddings, Inc., Colorado Springs, Colo.
 Gilbert Co., S. L., New York, N. Y.
 Gilbert Knitting Co., Inc., Little Falls, N. Y.
 Glasgow's, Inc., Jackson, Mich.
 Glenmoor Hosiery Mills, Reading, Pa.
 Globe Knitting Works, Grand Rapids, Mich.
 Gold Seal Hosiery Co., Inc., New Orleans, La.
 Golden Art Hosiery Co., Nashville, Tenn.
 Golden Belt Manufacturing Co., Durham, N. C.
 Good Housekeeping Institute, New York, N. Y. (In principle.)
 Gorse Co., Inc., William, Needham Heights, Mass. (In principle.)
 Gotham Silk Hosiery Co., Inc., New York, N. Y.
 Granite Hosiery Mills, Granite Falls, N. C.
 Granite Hosiery Mills, Inc., Souderton, Pa.
 Grant Co., W. T., New York, N. Y.
 Grauer & Co., F. M., New York, N. Y.
 Gray-Line Hosiery Co., Eddington, Bucks County, Pa.
 Graysville Hosiery Mill, Inc., Dayton, Tenn.
 Great American Knitting Mills, Inc., Bechtelsville, Pa.
 Green Lane Hosiery Co., Inc., Green Lane, Pa.
 Green United Stores, Inc., New York, N. Y.
 Greensboro Full-Fashioned Hosiery Mills, Inc., Greensboro, N. C.
 Grey Hosiery Co., Hugh, Concord, N. C.
 Griffin Hosiery Mills, Griffin, Ga.
 Guilford Hosiery Mills, Inc., High Point, N. C.
 Haight & Co., A. S., New York, N. Y.
 Halle Bros. Co., The, Cleveland, Ohio.
 Hand Knit Hosiery Co., Sheboygan, Wis.
 Hanes Hosiery Mills Co., Winston-Salem, N. C.
 Harris, Harry, Edinburgh, Scotland.
 Harriss & Covington Hosiery Mills, Inc., High Point, N. C.
 Harzfeld's, Inc., Kansas City, Mo.
 Hayward Hosiery Co., Ipswich, Mass.
 Heathcote Hosiery Co., Inc., New York, N. Y.
 Hemerson Hoyt Co., The, Oshkosh and Manitowoc, Wis.
 Herzfeld-Phillipson Co., The (Boston Store), Milwaukee, Wis.
 High Co., J. M., Atlanta, Ga.
 Holeproof Hosiery Co., Milwaukee, Wis.
 Holly Hosiery Mills, Mount Holly, N. J.
 Holston Manufacturing Co., Knoxville, Tenn.
 Hoover Hosiery Co., Concord, N. C.
 Hope Hosiery Mills, Adamstown, Pa.
 Hosiery Mills Co., The, Chicago, Ill.
 House of Byer, Inc., The, Cambridge, Mass.
 Howard Hosiery Co., Sinking Spring, Pa. (In principle.)
 Hub, The, Baltimore, Md.
 Hub Hosiery Mills, Lowell, Mass.
 Hudson Co., The J. L., Detroit, Mich.
 Hudson Silk Hosiery Co., Charlotte, N. C.
 Hudson Silk Knitting Mills, Oakhurst, N. C. (In principle.)
 Hunter's Department Store, Shamrock, Tex.
 I. X. L. Hosiery Mill, Robeson, Pa. (In principle.)
 Illinois Knitting Co., Mount Vernon, Ill.
 Illinois State Penitentiary, Menard, Ill.
 Industrial Hosiery Mills, Inc., Mohnton, Pa.
 Infants Socks, Inc., Reading, Pa.
 International Hosiery Mills, Inc., Philadelphia, Pa.
 Interstate Hosiery Mills, Inc., Lansdale, Pa.
 Inter-Woven Stocking Company, New Brunswick, N. J.
 Jacob & Schey, New York, N. Y.
 James Mills #2, Elizabeth, Marion, N. C.
 Jamison & Co., Inc., James, New York, N. Y.
 Jeannette Hosiery Mills, Inc., Elkins Park, Pa.
 Johnson City Mills, Johnson City, Tenn.
 Jones Knitting Mills, Los Angeles, Calif.
 Junior Hosiery Mills, Inc., Reading, Pa.
 Jupiter Knitting Co., Milwaukee, Wis. (In principle.)
 Juvenile Hosiery Mills, Inc., Greensboro, N. C.
 K. W. Knitting Mills, Mohnton, Pa.
 Kaufman Store, Inc., The, Richmond, Va.
 Kaufmann Department Store, Pittsburgh, Pa.
 Kayser & Co., Julius, Brooklyn, N. Y.
 Kearns & Son, Inc., O. E., High Point, N. C.
 Keller's Department Store, Liberty, N. Y.
 Kenosha Full Fashioned Mills, Inc., Kenosha, Wis.
 Kerrs, Oklahoma City, Okla.
 Kilpatrick & Co., Thomas, Omaha, Nebr.
 Knit Krafters, The, Rockingham, N. C.
 Knit Products Corporation, Belmont, N. C.

- Knitcraft Manufacturing Co., San Francisco, Calif.
- Knox Hosiery Mills, Cleveland, Tenn.
- Kraemer Hosiery Co., Nazareth, Pa.
- Kresge Co., S. S., Detroit, Mich.
- Kresge Department Store, Newark, N. J.
- Lamson Bros. Co., The, Toledo, Ohio.
- Lamston, Inc., M. H., New York, N. Y.
- Landenberger & Co., J. W., Philadelphia, Pa.
- Largman Gray Co., Croydon, Pa.
- Larkwood Silk Hosiery Mills, Inc., Charlotte, N. C.
- Laurel Hosiery Co., West Reading, Pa.
- Leeds College of Technology, Leeds, Yorks, England.
- Leinbach Bros. Knitting Co., Inc., Reading, Pa.
- Leininger Knitting Co., Inc., Wm. G., Mohnton, Pa.
- Leonard & Co., W. C., Saranac Lake, N. Y.
- LeVeque, Jos. P., Kansas City, Mo.
- Lewis, Lora A., Terre Haute, Ind. (In principle.)
- Liberty Hosiery Mills, Inc., Lyerly, Ga.
- Lightbody's, Superior, Wis.
- Lillian Knitting Mills Co., Albermarle, N. C.
- Lincoln Stores, Inc., Quincy, Mass.
- Lintz Department Store, Guthrie, Okla.
- Loeser & Co., Inc., Frederick, Brooklyn, N. Y.
- Long Beach Better Business Bureau, Long Beach, Calif. (In principle.)
- Lord & Taylor, New York, N. Y.
- Lowell Hosiery Mills, Inc., Lowell, Mass.
- Lowell Textile Institute, Lowell, Mass. (In principle.)
- Lucier Co., Albert, Belmont, N. H.
- Lycorning Hosiery Mills (Burdwyn Hosiery Mills), Pottstown, Pa.
- Lyerly Full Fashioned Mills, Inc., Hickory, N. C.
- Lyerly Hosiery Mill, Chattanooga, Tenn.
- Lynchburg Hosiery Mills, Lynchburg, Va.
- Mabley & Carew Co., Cincinnati, Ohio.
- MacDownell's, Inc., Boston, Mass.
- Macy & Co., R. H., New York, N. Y.
- Magnet Mills, Inc., Clinton, Tenn.
- Malley Co., The Edw., New Haven, Conn.
- Mandel Bros., Chicago, Ill.
- Marting Bros. Co., The, Portsmouth, Ohio.
- Martinat Hosiery Mills, Valdese, N. C.
- Massachusetts Knitting Mills, Boston, Mass.
- Maurice Mills Co., Thomasville, N. C.
- Mavis Underhose Co., New York, N. Y.
- May Co., The, Los Angeles, Calif.
- May Hosiery Mills, Inc., Burlington, N. C.
- May Hosiery Mills, Nashville, Tenn.
- McCrary Hosiery Mills, Inc., Asheboro, N. C.
- McCurdy & Co., Rochester, N. Y.
- McEwen Knitting Co., Inc., Burlington, N. C.
- McGaugh Hosiery Mills, Dallas, Tex.
- McLaurin Hosiery Mills, Asheboro, N. C.
- Melko Hosiery Mills, New York, N. Y.
- Melrose Hosiery Mills, Inc., High Point, N. C.
- Merchantville Hosiery Co., Inc., Merchantville, N. J.
- Merrill Hosiery Co., Hornell, N. Y.
- Meyers-Arnold Co., Greenville, S. C.
- Miller Mercantile Co., Salem, Oreg.
- Miller-Smith Hosiery Mills, Chattanooga, Tenn.
- Millheim Hosiery Mills, Inc., Millheim, Pa.
- Milne Hosiery Mills, Cleveland, Tenn.
- Minisac Mills, Inc., Philadelphia, Pa.
- Mission Hosiery Mills (A. H. Wittenberg, Inc.), Los Angeles, Calif.
- Mock, Judson, Voehringer Co. of N. Y., Inc., New York, N. Y.
- Moers Hosiery Mills, Inc., Nashville, Tenn.
- Montgomery Ward & Co., New York, N. Y.
- Montgomery Knitting Mill, Summer-ville, Ga.
- Moore Co., Harry C., Nevada, Mo.
- Moorhead Knitting Co., Inc., Harrisburg, Pa.
- Mountain City Knitting Mills, Chattanooga, Tenn.
- Mountain Hosiery Mills, Englewood, Tenn.
- Mountcastle Knitting Co., Lexington, N. C.
- Miller, Inc., Wm. F., Robeson, Pa.
- Muller & Sperling, New York, N. Y.
- Murphy Co., G. C., McKeesport, Pa.
- Murray Hosiery Mills, Inc., Murray, Ky.
- Myers Bros., Springfield, Ill.
- National Hosiery Mills, New Orleans, La.
- National Silk Hosiery Mills, Indianapolis, Ind.
- Nebel Co., Inc., Oscar, Rolla and Verona, Va.
- Nebel Knitting Co., Inc., Charlotte, N. C.
- Nelson Knitting Co., Rockford, Ill.
- Nevious Bros., Inc., Trenton, N. J.
- New Orleans, Inc., Better Business Bureau of, New Orleans, La. (In principle.)
- Newnan Hosiery Mills, Inc., Newnan, Ga.
- Newport Hosiery Co., Newport, Pa.
- Nickels & Nickels, Philadelphia, Pa.
- Nolde & Horst Co., The, Reading, Pa.
- Nolde & Horst Co. of Tenn., McMinnville, Tenn.

- Nolde & Horst Sales Co., New York, N. Y.
 NoMend Hosiery, Inc., Philadelphia, Pa.
 North Carolina State College, Textile School, Raleigh, N. C. (In principle.)
 Northmont Hosiery Corporation, Reading, Pa.
 Nuweave Hosiery Co., Pottstown, Pa.
 O'Connor, Moffatt & Co., San Francisco Calif.
 Orr Co., The, Easton, Pa.
 Outlet Co., Providence, R. I.
 Owen Osborne, Inc., Gainesville, Ga.
 Panama Railroad Co., Cristobal, Canal Zone.
 Parke Snow, Inc., Waltham, Mass.
 Parker Co., George A., Philadelphia, Pa.
 Pasquotank Hosiery Co., Inc., Elizabeth City, N. C.
 Paul Knitting Mills, Pulaski, Va.
 Peerless Hosiery Mills, Inc., Burlington, N. C.
 Pen-Harris Co., Ephrata, Pa.
 Penn Hosiery Mills, Inc., Reading, Pa.
 Penmans, Ltd., Paris, Ontario, Canada.
 Pennsylvania Knitting Mills Co., Spring Grove, Pa.
 Pennsylvania State College, State College, Pa. (In principle.)
 Phoenix Hosiery Co., Milwaukee, Wis.
 Pilot Full Fashioned Mills, Valdese, N. C.
 Pittsburgh Mercantile Co., Pittsburgh, Pa.
 Pittsburgh Testing Laboratory, Pittsburgh, Pa. (In principle.)
 Pohatcong Hosiery Mills, Inc., Washington, N. J.
 Pomeroy's, Inc., Reading, Pa.
 Portage Hosiery Co., Portage, Wis.
 Porteous Mitchell Co., The, Norwich, Conn.
 Potomac Textile Corporation, The, Towson, Md.
 Powell Knitting Co., The, Philadelphia, Pa.
 Powers Dry Goods Co., Inc., Minneapolis, Minn.
 Prim Era Hosiery Mills, Inc., Chester, Ill.
 Princeton Hosiery Mills, Princeton, Ky.
 Proper-McCallum Hosiery Co., Inc., New York, N. Y., and other cities.
 Pruitt, D. R., Yeadon, Pa.
 Puget Sound Merchandise Co., Seattle, Wash.
 Quaker Hosiery Co., Philadelphia, Pa.
 Radiant Mills Co., The, Elyria, Ohio.
 Ragann Knitting Co., Inc., Thomasville, N. C.
 Ragan Parker Knitting Co., Ellerbe, N. C.
 Rambo & Regar, Inc., Norristown, Montgomery County, Pa.
 Rawlings Manufacturing Co., St. Louis, Mo.
 Read Co., The D. M., Bridgeport, Conn.
 Reading Full Fashioned Hosiery Mills, Inc., Reading, Pa.
 Reed's Sons, Jacob, Philadelphia, Pa.
 Regal Hosiery Co., Reading, Pa.
 Renfro Hosiery Mills Co., Mount Airy, N. C.
 Resolute Knitting Mills, Philadelphia, Pa.
 Richmond Hosiery Mills, Rossville, Ga.
 Rich's, Inc., Atlanta, Ga.
 Rike Kumler Co., The, Dayton, Ohio.
 Ripon Knitting Works, Ripon, Wis.
 Robbins Knitting Co., Spruce Pine, N. C.
 Robinson Co., J. W., Los Angeles, Calif.
 Robinson Hosiery Mills, Inc., Lee I., Philadelphia, Pa.
 Rockford Mitten & Hosiery Co., Rockford, Ill.
 Rockledge Silk Hosiery Co., Inc., Rockledge, Pa.
 Rockwood Mills, Inc., Rockwood, Tenn.
 Rollins Hosiery Mills, Inc., Des Moines, Iowa.
 Roman Stripe Mills, West Easton, Pa.
 Rome Hosiery Mills, Rome, Ga.
 Rosedale Knitting Co., Reading, Pa.
 Rosegen Knitting Mills, Sumter, S. C.
 Roxborough Knitting Mills, Inc., Maple Shade, N. J.
 Royalton Knitting Co., Reading, Pa.
 Ruby Ring Hosiery Mills, Inc., Philadelphia, Pa.
 Rugby Knitting Mills, Inc., Buffalo, N. Y. (In principle.)
 Runnymede Mills, Inc., Tarboro, N. C.
 Ruth Hosiery Mills, Inc., Durham, N. C.
 Sage-Allen & Co., Inc., Hartford, Conn.
 San Souci Co., J. O., Providence, R. I.
 Sarfert Hosiery Mills, Inc., Philadelphia, Pa.
 Scarbrough & Sons, E. M., Austin, Tex.
 Schuster & Co., Inc., Ed., Milwaukee, Wis.
 Schuylkill Valley Mills, Inc., Spring City, Pa.
 Scott Bros. Hosiery Mills, Inc., Philadelphia, Pa.
 Scranton Better Business Bureau, Inc., Scranton, Pa. (In principle.)
 Scruggs-Vandervoort-Barney, Inc., St. Louis, Mo.
 Seaver Bros., Brooklyn, N. Y.
 Se-Ling Hosiery Mills, Inc., Nashville, Tenn.
 Sellers Hosiery Mills, Inc., Burlington, N. C.
 Seneca Knitting Mills, Inc., Seneca Falls, N. Y.
 Sexton Manufacturing Co., Fairfield, Ill.
 Shannon Hosiery Mills, Inc., Columbus, Ga.
 Sheertex Hosiery, Inc., Woodbury, N. J.
 Silverstein's, New Orleans, La.
 Sing Sing Prison Industries, Ossining, N. Y.

- Snell, Inc., Foster D., Brooklyn, N. Y.
 Society Maid Hosiery Mills, Inc., Wil-
 low Grove, Pa.
 Spalding Knitting Mills, Griffin, Ga.
 Sport-Wear Hosiery Mills, Philadel-
 phia, Pa., and other cities.
 Stall & Dean Manufacturing Co.,
 Brockton, Mass. (In principle.)
 Standard Hosiery Mills, Inc., Alamance,
 N. C.
 Sterling Hosiery Mills, Inc., Spindale,
 N. C.
 Stewart Dry Goods Co., Inc., The,
 Louisville, Ky.
 Stix, Baer & Fuller Co., St. Louis, Mo.
 Stratford Hosiery Corporation, Bur-
 lington, N. C.
 Strauss & Co., Levi, San Francisco,
 Calif.
 Strutwear Knitting Co., Minneapolis,
 Minn.
 Sudbury & Co., E. H., New York, N. Y.
 Sulloway Hosiery Mills, Inc., Franklin,
 N. H.
 Sunshine Hosiery Mills, Inc., Murfrees-
 boro, Tenn.
 Sweetwater Hosiery Mills, Sweetwater,
 Tenn.
 T. & M. Knitting Co., Inc., Wilkes
 Barre, Pa.
 Tabor Hosiery Co., Philadelphia, Pa.
 Taylor Son & Co., Wm., Cleveland,
 Ohio.
 Temple Full Fashioned Hosiery Mills,
 Inc., Temple, Pa.
 Terry Hosiery Mills, Inc., High Point,
 N. C.
 Texas State College for Women, Home
 Economics Department, Denton, Tex.
 Textiles Education Bureau, New York,
 N. Y. (In principle.)
 Textile Testing & Research Labora-
 tories, New York, N. Y.
 Thalhimers, Richmond, Va.
 Theme Hosiery Co., Inc., Los Angeles,
 Calif.
 Thomas & Co., John W., Minneapolis,
 Minn.
 Tip-Top Hosiery Mills, Inc., Asheboro,
 N. C.
 Tower Hosiery Mills, Burlington, N. C.
 Townsend, Stricker & Co., New York,
 N. Y.
 Traylor Corporation, Robeson, Pa.
 Treinis Bros., Inc., Brooklyn, N. Y.
 Triangle Hosiery Co., Inc., High Point,
 N. C.
 Triumph Hosiery Mills, Inc., New York,
 N. Y.
 Union Manufacturing Co., Frederick,
 Md.
 Union Manufacturing Co., Union Point,
 Ga.
 Unique Knitting Co., Acworth, Ga.
 United Hosiery Mills Corporation,
 Chattanooga, Tenn.
 United States Testing Co., Inc., Hobo-
 ken, N. J.
 Valcort Hosiery Mills, New York, N. Y.
 Van Raalte Co., New York, N. Y.
 Van Straatens, Durham, N. C.
 Vance Knitting Co., Inc., Kernersville,
 N. C.
 Vanette Hosiery Mills, Dallas, Tex.
 Vanity Fair Stocking Co., Reading and
 New Holland, Pa.
 Varina Knitting Co., Varina, N. C.
 Vermont Hosiery & Machinery Co.,
 Northfield, Vt.
 Victor Silk Hosiery Co., New Britain,
 Bucks County, Pa.
 Villa Rica Hosiery Mills, Villa Rica, Ga.
 Virginia Maid Hosiery Mills, Inc.,
 Pulaski, Va.
 Vogel Hosiery Mills, Belleville, Ill.
 Vogue, Inc., The, Chattanooga, Tenn.
 Voorhees' Son Co., J. P., New York,
 N. Y.
 Waldensian Hosiery Mills, Inc., Valdese,
 N. C.
 Walker County Hosiery Mills, Lafay-
 ette, Ga.
 Wallner Silk Hosiery Mills, Inc., Pu-
 laski, Va. (In principle.)
 Walls Hosiery Co., North Wales, Pa.
 Washington Hosiery Mills, Nashville,
 Tenn.
 Wayne Knitting Mills, Fort Wayne,
 Ind.
 Wertheimer, Inc., L., New York, N. Y.
 Whisnant Hosiery Mills, Hickory, N. C.
 Whitney & Co., W. M., Albany, N. Y.
 Wieboldt Stores, Inc., Chicago, Ill.
 Wilkes Hosiery Mills Co., North Wilkes-
 boro, N. C.
 Willstrut Hosiery Mill, San Leandro,
 Calif.
 Wilmington Hosiery Mills, Inc., Wil-
 mington, Del.
 Windsor Hosiery Mills Co., The, Green-
 castle, Pa.
 Winsted Hosiery Co., The, Winsted,
 Conn.
 Wiscasset Mills Co., Albemarle, N. C.
 Wolf & Dessauer Co., Fort Wayne, Ind.
 Woodward & Lothrop, Washington,
 D. C.
 Woosley Knitting Mills, Shelbyville,
 Tenn.
 Wovenright Knitting Co., The, Cleve-
 land, Ohio.
 Wrenn Hosiery Co., Thomasville, N. C.
 Yorkshire Hosiery Co., Reading, Pa.
 Zabel Silk Hosiery Co., Inc., A., Willow
 Grove, Pa.
 Ziesel Bros. Co., Elkhart, Ind.
 Zimmerman & Sons, Inc., H., Marion,
 Ind.

U. S. GOVERNMENT

Agriculture, U. S. Department of,
 Bureau of Home Economics, Wash-
 ington, D. C.
 Veterans' Administration, Procurement
 Division, Washington, D. C.
 War Department, Washington, D. C.

COMMERCIAL STANDARDS

CS No.	Item	CS No.	Item
0-40.	Commercial standards and their value to business (third edition).	49-34.	Chip board, laminated chip board, and miscellaneous boards for bookbinding purposes.
1-32.	Clinical thermometers (second edition).	50-34.	Binders board for bookbinding and other purposes.
2-30.	Mopsticks.	51-35.	Marking articles made of silver in combination with gold.
3-40.	Stoddard solvent (third edition).	52-35.	Mohair pile fabrics (100-percent mohair plain velvet, 100-percent mohair plain frieze, and 50-percent mohair plain frieze).
4-29.	Staple porcelain (all-clay) plumbing fixtures.	53-35.	Colors and finishes for cast stone.
5-40.	Pipe nipples; brass, copper, steel, and wrought iron.	51-35.	Mattresses for hospitals.
6-31.	Wrought-iron pipe nipples (second edition). Superseded by CS5-40.	55-35.	Mattresses for institutions.
7-29.	Standard weight malleable iron or steel screwed unions.	56-36.	Oak flooring.
8-33.	Gage blanks (second edition).	57-40.	Book cloths, buckrams, and impregnated fabrics for bookbinding purposes except library bindings (second edition).
9-33.	Builders' template hardware (second edition).	58-36.	Woven elastic fabrics for use in overalls (overall elastic webbing).
10-29.	Brass pipe nipples. Superseded by CS5-40.	59-39.	Woven dress fabrics—testing and reporting (second edition).
11-29.	Regain of mercerized cotton yarns.	60-36.	Hardwood dimension lumber.
12-40.	Fuel oils (fifth edition).	61-37.	Wood-slat venetian blinds.
13-39.	Dress patterns (second edition).	62-38.	Colors for kitchen accessories.
14-39.	Boys' button-on waists, shirts, junior and polo shirts (made from woven fabrics) (second edition).	63-35.	Colors for bathroom accessories.
15-29.	Men's pajamas.	64-37.	Walnut veneers.
16-29.	Wall paper.	65-38.	Wool and part-wool fabrics.
17-32.	Diamond core drill fittings (second edition).	66-38.	Marking of articles made wholly or in part of platinum.
18-29.	Hickory golf shafts.	67-38.	Marking articles made of karat gold.
19-32.	Foundry patterns of wood (second edition).	68-38.	Liquid hypochlorite disinfectant, deodorant, and germicide.
20-35.	Staple vitreous china plumbing fixtures (second edition).	69-38.	Pine oil disinfectant.
21-39.	Interchangeable ground-glass joints, stopcocks, and stoppers (fourth edition).	70-38.	Coal tar disinfectant (emulsifying type).
22-40.	Builders' hardware (nontemplate) (second edition).	71-38.	Cresylic disinfectants.
23-30.	Feldspar.	72-38.	Household insecticide (liquid spray type).
24-30.	Standard screw threads.	73-38.	Old growth Douglas fir standard stock doors.
25-30.	Special screw threads.	74-39.	Solid hardwood wall paneling.
26-30.	Aromatic red cedar closet lining.	75-39.	Automatic mechanical draft oil burners.
27-36.	Mirrors (second edition).	76-39.	Hardwood interior trim and molding.
28-32.	Cotton fabric tents, tarpaulins, and covers.	77-40.	Sanitary cast-iron enameled ware.
29-31.	Staple seats for water-closet bowls.	78-39.	Ground-and-polished lenses for sun glasses.
30-31.	Colors for sanitary ware.	79-39.	Blown, drawn, and dropped lenses for sun glasses.
31-38.	Wood shingles (fourth edition).	80-41.	Electric direction signal systems other than semaphore type for commercial and other vehicles subject to special motor vehicle laws (after market).
32-31.	Cotton cloth for rubber and pyroxylin coating.	81-41.	Adverse-weather lamps for vehicles (after market).
33-32.	Knit underwear (exclusive of rayon).	82-41.	Inner-controlled spotlamps for vehicles (after market).
34-31.	Bag, case, and strap leather.	83-41.	Clearance, marker, and identification lamps for vehicles (after market).
35-31.	Plywood (hardwood and eastern red cedar).	84-41.	Electric tail lamps for vehicles (after market).
36-33.	Fourdrinier wire cloth (second edition).	85-41.	Electric license-plate lamps for vehicles (after market).
37-31.	Steel bone plates and screws.	86-41.	Electric stop lamps for vehicles (after market).
38-32.	Hospital rubber sheeting.	87-41.	Red electric warning lanterns.
39-37.	Wool and part wool blankets (second edition).	88-41.	Liquid-burning flares.
40-32.	Surgeons' rubber gloves.	89-40.	Hardwood stair treads and risers.
41-32.	Surgeons' latex gloves.		
42-35.	Fiber insulating board (second edition).		
43-32.	Grading of sulfonated oils.		
44-32.	Apple wraps.		
45-40.	Douglas fir plywood (domestic grades) (fourth edition).		
46-40.	Hosiery lengths and sizes (third edition).		
47-34.	Marking of gold-filled and rolled-gold-plate articles other than watch cases.		
48-34.	Domestic burners for Pennsylvania anthracite (underfeed type).		

NOTICE.—Those interested in commercial standards with a view toward accepting them as a basis of every-day practice may secure copies of the above standards, while the supply lasts, by addressing the Division of Trade Standards, National Bureau of Standards, Washington, D. C.



